

# ***AUDITING SERVICE DESIGN SYSTEM AND DEVELOPING DEVICE INVENTORY APPLICATION PT.COCACOLA AMATIL INDONESIA USING ITIL V3 AND PHP CI***

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## **ABSTRACT**

PT. Coca Cola Amatil Indonesia is one of the soft drink and other beverage producing companies located on Jl. Soekarno Hatta, Palebon, Pedurungan, Semarang City, Central Java. as one of the big companies, the need for IT systems is also getting bigger. The information system audit carried out in this study aims to analyze the system in the IT division at PT. CCAI after an assessment and interview were carried out on several complaints about deficiencies in the existing system, the information system audit was conducted using the ITIL V3 framework regarding service design design includes the service catalog management process and the analysis of Strength & Weaknesses from the system in the IT division which focuses on the Asset Master application. The Asset Master is one of the inventory application that used in PT.Coca Cola Amatil Indonesia. And last the conclusion is the design of a system / application device inventory based on PHP & Code Igniter based on localhost database. as an additional application / system that helps the minimize the foible in the practices

**Keywords :** ITIL V3, SERVICE DESIGN, CODE IGNITER, PHP, JAVASCRIPT

## **ABSTRAK**

PT.Coca Cola Amatil Indonesia adalah salah satu perusahaan penghasil minuman ringan dan *beverage* lainnya yang terletak di jl. Soekarno Hatta, Palebon, Pedurungan, Kota Semarang, Jawa Tengah. Tentunya sebagai salah satu perusahaan besar, kebutuhan akan *IT system* juga semakin besar. Audit sistem informasi yang di lakukan dalam penelitian ini bertujuan untuk menganalisis sistem pada divisi IT di PT.CCAI setelah dilakukan *assessment* dan wawancara mengenai beberapa keluhan tentang kekurangan yang ada pada sistem yang sudah ada, lalu audit sistem informasi dilakukan menggunakan framework ITIL V3 mengenai perancangan *service design* meliputi proses *service catalogue management* dan proses analisa Strength & Weaknesses dari sistem yang ada pada divisi IT yang berfokus pada aplikasi Asset Master yang merupakan aplikasi inventaris *device* yang ada di Coca Cola Amatil Indonesia. Kemudian kesimpulannya adalah penerapan system/aplikasi device inventory berbasis PHP & Code Igniter berbasis *localhost database*. sebagai aplikasi/sistem tambahan.